Approved For Release 2003/04/29 : CIA-RDP84-00780R000100150006-1 - 4/6 0_3

GENERAL SERVICES ADMINISTRATION



Public Buildings Service Washington 25, D.C.

OCT 28 1963

Bldg-1 Mu3

Colonel L. K. White Deputy Director (Support) Central Intelligence Agency Washington, 25, D.C.

Dear Colonel White:

We regret the deficiencies in the airconditioning system for your new headquarters building at Langley about which you wrote on October 7, 1963.

I asked Mr. Rantzow of my staff to check into this matter and to call you. I understand that he did so yesterday.

Region 3 has employed a consultant to review the findings of the study made of the system and to furnish recommendations as to corrective action necessary. It is hoped that these recommendations will be received in time so that corrective action will be completed before the next cooling season. In the meantime, we will do all possible with our maintenance force to obtain the most efficient operation of the existing system.

Sincerely yours,

R. T. Daly Commissioner

Public Buildings Service

DD/S distribution:

0 - DD/S subject

1 - Ex. Dir.

1 - D/L

	UNCLASSIFIED	CONFIDE	84 00780R TOP AND B	SECRET	
	CENTRAL	INTELLIGENCE A	GENCY	***************************************	
		AL ROUTING			
то	NAME AND A	DDRESS	DATE	INITIALS	
			63 1.0	0 000	
1	2) (00		10/11	M	
2	() «)				
-	IM		L		
3					
4					
5					
6					
	ACTION	DIRECT REPLY	PREPARE	REPLY	
	APPROVAL	DISPATCH		ENDATION	
	COMMENT	FILE	RETURN		
	CONCURRENCE	INFORMATION		SIGNATURE	
Re	marks:				
Re	marks:				

Approved For Release 2003/04/29 : CIA-RDP84-00780R000100150006-1 Executive Registry DD/S 63-4214

8 October 1963

Addy

A

MEMORANDUM FOR: Mr. Kirkpatrick

SUBJECT

: Air Conditioning and Heating Systems

Kirk:

The frigid temperature in the Director's dining room last Friday was caused by a stuck thermostat; this has been corrected. As to the problem with regard to our over-all system and what we are doing about it, I attach hereto two letters which have been sent to the Public Buildings Service on this subject. I am not optimistic that we are going to have a satisfactory condition very soon, but we will certainly keep all the pressure we can on the General Services Administration.

STAT

L. K. White

2 Attachments:

Att 1: Ltr dtd 7 Oct 63 to Regional Director, PBS fr C/RECD/OL

Att 2: Ltr dtd 7 Oct 63 to Commissioner, PBS fr DD/S Approved For Release 2003/04/29 : CIA-RDP84-00780R000100150006-14 2 / 8

xx 20505

7 October 1963

Mr. Robert T. Daly Commissioner, Public Buildings Service General Services Administration Washington, D. C. 20407

Dear Bob:

As you know, we have occupied our new headquarters building at Langley for approximately two years. We recognized that some period of time after occupancy would be required to adjust and balance the air conditioning and heating systems.

While a great deal of attention has been given to this problem, the situation is still very unsatisfactory. A team of engineers from Region 3, assisted by Agency representatives, began this summer and has now completed an intensive study of the systems and has identified a number of deficiencies which must be corrected. I enclose for your reference a copy of a summary of the findings which has been forwarded today to Mr. Anthony W. Innamorati, Regional Director of the Public Buildings Service.

We realize that these systems are complicated and that adequate corrective measures do take time. It does seem to us, however, that by this time we should have clearly identified the problems and initiated vigorous and concerted action to solve them.

We would appreciate very much anything you can do to expedite the decisions and actions which are necessary to provide a satisfactory system with the least possible delay.

Sincerely,

Signed

L. K. White Deputy Director (Support)

Enclosure

DD/S:LKW:sbo
Distribution:

O & 1 - Adse w/encl

1 - Ex. Dir.

2 - Approved Fent Release 2003/04/29 / CIA-ROP84-00780R000100150006-1

2 ↔ OL/RECD

Approved For Release 2003/04/29 : CIA-RDP84-00780R000100150006-1 3-42/2

205**05**

Mr. Anthony W. Innamorati Regional Director Public Buildings Service General Services Administration Washington, D. C. 20407

Dear Mr. Innamorati:

There are certain deficiencies in the air conditioning and heating systems in our headquarters building at Langley, Virginia, which have existed since the building was first occupied and which need correction. It has taken time to go through a couple of heating and ceoling seasons and to isolate them from the usual shakedown problems. It is requested that your office review the problems set forth in the attachment and submit proposals for their solutions.

The attachment is a summary of investigative work performed by Messrs. Gustav Bengtson and Richard Gibbons, PBS engineers; Roy Gaines, Chief Operating Engineer; and ClA engineer. Mr. Bengtson new has in his possession the resultant notes and sketches, and is fully conversant with the problems.

Included in the attachment is an item concerning the temperature of chilled water in the secondary system which is the subject of my letter of 22 August 1963 to you. It was of concern at that time because of its effect on the new air conditioning installed in the Director's office. It is also included here because of its relationship to these deficiencies. It is so noted in the attachment.

Not included in the attachment are the deficiencies concerning the outside air plenum and the evaporative condensers for the 330 ton compressor in the kitchen fan room. These were the subjects of previous correspondence with Mr. Bengtson and Mr. Von Otto.

Sincerely.

STAT

Chief, Real Estate & Construction Division

Attachment

Approved For Release 2003/04/29 : CIA-RDP84-00780R000100150006-1

Approved For Release 2003/04/29 : CIA-RDP84-00780R000100150006-1

cc: Bldg. Manager	
Distribution:	
Original & I - Addressee	
1 - Ex. Director (Mr. Kirkpatric	ck)
1 - OL/RECD project	
1 - OL/LSD	
1 - OL/RECD chrono	
OL/RECD/UEB/ mew	
	Distribution: Original & 1 - Addressee 1 - Ex. Director (Mr. Kirkpatric 1) - DD/S 1 - OL/RECD project 1 - OL/LSD 1 - OL/RECD chrono

Approved For Release 2003/04/29: CIA-RDP84-00780R000100150006-1

CONTEUTS

- A. McMercioss of Main Air Moedlers
 - 1. Droob Air Compore
 - 3. Controls of Fresh Air Dampers and Probest Valves
 - 3. Robert Seasons
- D. Maliensticas of Portmotor System
 - 1. Chilled Water Distribution
 - 2. Induction Units
 - 3. Thospostata
- C. Malfenetions of Dual Doct Systems
- D. Molfazetions of Interior Systems

Attachment to letter to Regional Director. Begion 3, PNS dated 7 October 1963.

A. Malierations of Mala Air Mandlers

1. From Air Dampero

At present it is necessary to keep the cosing access drops open in 30° and below weather to temper the cold front air with water air from the fac recent. Otherwise, the freeze prevention theresextall trip out the funs. When the temperature rises above 30°, the desire that be immediately closed to forestall numerous everheating complaints.

3. Controls of Frosb Air Dampers and Prehed Stong Valvos

At propert the consers of the controls which espects both the dampers and steem valves are wired to the backs of the probability and sense the radical hoat of the cells and set the air stream temperstance. Also, at times it has been noted that emcospive time posicil clapses between the time these sensors receive a signal and the time these sensors receive a signal and the time the campers and steam valves move. On celd days the dampers and steam valves move. On celd days the dampers and valves fluxtuate continuously and rapidly from fill open to full clapsed. Experimental modifications which have been made on two air bandlers to improve those seculations have been execuseful.

9. Redect Sameore

At present the remeat sensors in not give representative establings of the six streams because they are postly leaded in the Chill. Since have town leace. If has been auggested that they be moved detay tensors out of the turbulent some and leaded with care to cause representative readings.

D. Indication of Perimoter System

1. Chilled Unior Mistribules

Chilled water is furnished by the power bounce to the scaling calls in the air handlers (the primary system) and to the colle in the pathmeter units (the secondary system). Detween these two sugments of the state calling system there exists a hydraclic imbolance.

Approved For Release 2003/04/29 : CIA-RDP84-00780R000100150006-

Mr. Turner:

Attached is the correspondence on air-conditioning which you requested.

Approved For Release 2003/04/29 : CIA-RDP84-00780R000100150006-

B. Makingtions of Parimeter System

v. É

1 - Chilled Victor Dictribution (soctioned)

Decouse of the imbalance, the mixing values of the resmilary eyetem are eachie to especial the transmission pressure excessory to force the value from the proof boxes to the remessat air handler. They possed the colonial the colonial the colonial the colonial the colonial the colonial the possest to be obser-circuited through the colonial point particular that the exceeding system. (Note: This deficiency construing the temperature of the occording child valor is the orbital of Mr. Exception's letter of 12 August 1968 to Mr. Experience.)

3. Industra Haite (window unite)

For ci the industion white in the building are delivering the correct accounts of air. This is due partly to temperated with the duapers in the units, partly to dirt in the oridison and on the cells, and partly to the oncounts of the cells, and partly to the oncounts of the cells of the cells.

3. Thormstate of the Perimeter System

- a. These thermostate, except for the 7th floor, are all mounted on the emeries walls. (On the 7th floor the emesons are in the window bears.) In addition to pair functioning due to the wall locations, each thermostat centrals 7 to 18 units whereas good practice to to control to more than four units. Where the 18 units are divided among several reams, large and small, the thermostat is not representative of all the reams.
- b. The proventies of times have a history of carrying oil vegor which from time to time pluge the blood crifices in the thermostatus. The result is non-operative value and rhom complaints.

C. McMondices of Deal Bust Systems

Chara eccioronce restas served by these cyclems have complained thous then of ventilation and past temperature control size occupancy. Investigation of complaints have revealed that the main trouble to instagants air, but also some controls have been found to be cross-vired.

Approved For Release 2003/04/29: CIA-RDP84-00780R000100150006-1

D. Melicactions of letarios Systems

Ecomplaints from areas on the interior systems are found to be cruted in great part by insulaquate thermotat control. Very large areas, as much as 70,000 square feet, and extending up from the 3cd through the tin flags, are exampled by a single thermostable o "coper-security" read. It has been suggested that the electronic wall flags: extend in representative resume he replaced by seasons placed in case return thats.